BRUHAT BANGALORE MAHANAGARA PALIKE

Project Division, Yelahanka Zone

Name of work: - Construction of Ambedkar Bhavana 1st floor and Balance works at Jakkur in Ward No.07

1st and Final Bill

Name of the agency : Sri. K R Santhosh Kumar

Modified BOQ

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
1	Providing and laying in position REINFORCED cement concrete of design mix M25 with OPC cement @340Kgs using 20mm and down size graded granite metal coarse aggregate @ 0.70Cum and fine aggregate @ 0.47cum with super plastisiser @ 3Ltrs confirming to IS 9103-1999 reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15 cms. thick, well vibrated for all works in ground floor level for roof slabs staircases, lintels and beams, Retaining walls, Return walls, walls of any thickness including attached palsters, columns, pillars, posts, studs, butresses, string or lacing courses, parapets,copings, anchorblocks, and plain window cills and fillets etc. including cost of all materials, labour, HOM of machinery, curing but excluding cost of reinforcements complete as per specifications. Specification No KBS 4.1, 4.6 First Floor (PWD SR 2018-19 Page 13 Item No.4.12)	Cum	0.00	0.00	0.00
1a	Qty Upto 125%		80.04	6921.75	554046.43
2	Providing and laying in position REINFORCED cement concrete of design mix M25 with OPC cement @340Kgs using 20mm and down size graded granite metal coarse aggregate @ 0.70Cum and fine aggregate @ 0.47cum with super plastisiser @ 3Ltrs confirming to IS 9103-1999 reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15 cms. thick, well vibrated for all works in ground floor level for roof slabs staircases, lintels and beams, Retaining walls, Return walls, walls of any thickness including attached palsters, columns, pillars, posts, studs, butresses, string or lacing courses, parapets,copings, anchorblocks, and plain window cills and fillets etc. including cost of all materials, labour, HOM of machinery, curing but excluding cost of reinforcements complete as per specifications. Specification No KBS 4.1, 4.6 Terrace Floor(PWD SR 2018-19 Page 13	Cum	0.00	0.00	0.00
2a	Qty Upto 125%		27.56	6989.78	192609.50
3	KSRB 4.9.2 : Providing TMT Steel Bars Fe 500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(PWD DSR 2018-19 Pg No.17 It No.4.46.2)	MT	8.12	81308.19	660068.89
4	KSRB 4.9.2 : Providing TMT Steel Bars Fe 500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(PWD DSR 2018-19 Pg No.17 It No.4.46.2)	MT	0.00	0.00	0.00
4a	Qty Upto 125%		2.81	82156.26	231242.26

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
5	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge of the work .Specification No. KBS 4.6.2 . FIRST FLOOR (PWD DSR 2018-19 Pg No 16 It No 4.32)	sqm	0.00	0.00	0.00
5a	Qty Upto 125%		110.88	517.01	57326.07
5b	Qty Above 125%		0.68	517.01	348.98
6	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge of the work .Specification No. KBS 4.6.2 . TERRACE FLOOR (PWD DSR 2018-19 Pg No 16 It No 4.32)	sqm	0.00	0.00	0.00
6a	Qty Upto 125%		64.94	517.01	33572.04
7	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge of the work .GROUND FLOOR (PWD DSR 2018-19 Pg No.16 It No.4.34)	sqm	0.00	0.00	0.00
7a	Qty Upto 125%		200.66	331.06	66430.71
7b	Qty Above 125%		31.34	331.06	10374.02
8	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge of the work .TERRACE FLOOR (PWD DSR 2018-19 Pg No.16 It No.4.34)	sqm	0.00	0.00	0.00
8a	Qty Upto 125%		68.18	331.06	22573.12
8b	Qty Above 125%		21.07	331.06	6975.74
9	Providing and removing centering shuttering, strutting, proping etc. and removal of form work for flat surface such as suspended floors, roofs and landings,balconies and likes thicknesses up to 200mm including cost of all mterials, labour, as per specifications and directions of the Engineer in charge of the work .FIRST FLOOR (PWD DSR 2018-19 Pg No 15 It No 4.30)	sqm	0.00	0.00	0.00
9a	Qty Upto 125%		303.00	498.86	151152.29
10	Providing and removing centering shuttering, strutting, proping etc. and removal of form work for flat surface such as suspended floors, roofs and landings,balconies and likes thicknesses up to 200mm including cost of all mterials, labour, as per specifications and directions of the Engineer in charge of the work .TERRACE FLOOR	sqm	80.00	498.86	39908.80
11	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto Ground Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. FIRST FLOOR(PWD DSR 2018-19 Pg No 15 It No 4.20)	sqm	0.00	0.00	0.00
11a	Qty Upto 125%		4.73	569.16	2689.28

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
12	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto Ground Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. GROUND FLOOR	sqm	3.24	575.96	1866.11
13	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37(PWD DSR 2018-19 Pg No.16 It No 4.37)	sqm	0.00	0.00	0.00
13a	Qty Upto 125%		6.23	373.01	2321.99
14	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37	sqm	4.32	379.82	1640.82
15	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per Sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. FIRST FLOOR (PWD DSR 2018-19 Pg No 27 It No 5.26.2)	Sqm	215.94	1087.30	234790.20
16	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per Sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. TERRACE FLOOR(PWD DSR 2018-19 Pg No 27 It No 5.26.2)	Sqm	0.00	0.00	0.00
16a	Qty Upto 125%		167.75	1126.98	189048.78
16b	Qty Above 125%		25.31	1126.98	28520.37
17	KSRB 9.4-3 : Providing Matti / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (PWD DSR 2018-19 Pg No.51 It No.9.12)	Cum	0.00	0.00	0.00
17a	Qty Upto 125%		0.26	71889.84	18448.73
17b	Qty Above 125%		0.14	71889.84	10060.08
18	Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/OAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick. FIRST FLoor (PWD	Sqm	0.00	0.00	0.00
18a	Qty Upto 125%		3.15	4312.91	13585.67
18b	Qty Above 125%		2.63	4312.91	11321.40

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
19	Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/OAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective w ork spot. with door shutter 35mm thick. TERRACE FLoor	Sqm	0.00	0.00	0.00
19a	Qty Upto 125%		6.30	4317.45	27199.94
19b	Qty Above 125%		1.47	4317.45	6346.65
20	KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33	Cum	0.00	0.00	0.00
20a	Qty Upto 125%		0.18	181498.43	32488.22
20b	Qty Above 125%		0.09	181498.41	17060.85
21	KSRB 9.5 : Providing and fixing in position fully panelled teak wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.3. GROUND FLOOR (PWD DSR 2018-19 Pg No 51 It No 9.10)	Sqm	0.00	0.00	0.00
21a	Qty Upto 125%		4.73	8102.02	38282.04
21b	Qty Above 125%		2.84	8102.02	22969.23
22	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped M.S. flat hold fast shall be provided with the frame.. GROUND	Rmtr	0.00	510.20	0.00
23	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped M.S. flat hold fast shall be provided with the frame.. FIRST	Rmtr	0.00	514.74	0.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
24	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped M.S. flat hold fast shall be provided with the frame.. Terrace	Rmtr	0.00	519.27	0.00
25	SOLID PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, HOM of machineries as per specifications and directions of the Engineer in charge of the work . BOTH SIDE PRELAM	Sqm	0.00	4247.15	0.00
26	SOLID PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, HOM of machineries as per specifications and directions of the Engineer in charge of the work . BOTH SIDE PRELAM	Sqm	0.00	4251.69	0.00
27	SOLID PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, HOM of machineries as per specifications and directions of the Engineer in charge of the work . BOTH SIDE PRELAM	Sqm	0.00	4256.23	0.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
28	KSRB15-3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -Inside Plaster (PWD DSR 2018-19 Pg No.114/115 It No.15.16)	Sqm	0.00	0.00	0.00
28a	Qty Upto 125%		333.46	302.72	100945.92
29	KSRB15-3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -Inside Plaster(PWD DSR 2018-19 Pg No.114/115 It No.15.16)	Sqm	0.00	0.00	0.00
29a	Qty Upto 125%		175.68	302.72	53183.06
30	KSRB15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners and making Grooves wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . - Outside Plaster (PWD DSR 2018-19 Pg No.114/115 It No.15.16)	Sqm	182.42	309.52	56463.88
31	KSRB15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners and making Grooves wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . - Outside Plaster (PWD DSR 2018-19 Pg No.114/115 It No.15.16)	Sqm	0.00	0.00	0.00
31a	Qty Upto 125%		216.78	311.79	67588.67
31b	Qty Above 125%		30.34	311.79	9460.90
32	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1 :3, to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -First Floor (PWD DSR 2018-19 Pg No.114/115 It No.15.21)	Sqm	0.00	0.00	0.00
32a	Qty Upto 125%		284.57	273.24	77756.15
33	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1 :3, to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -Terrace Floor (PWD DSR 2018-19 Pg No.114/115 It No.15.21)	Sqm	0.00	0.00	0.00
33a	Qty Upto 125%		80.00	280.04	22403.20
34	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (PWD DSR 2018-19 Pg No.114 It No.15.30)	Sqm	12.46	239.23	2979.61
35	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (PWD DSR 2018-19 Pg No.114 It No.15.30)	Sqm	0.00	0.00	0.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
35a	Qty Upto 125%		24.77	246.03	6092.93
35b	Qty Above 125%		6.55	246.03	1611.01
36	KSRB 7.11 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using Doubble track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections anodised 12 to 15 microns thick including cutting to required length, joints mitred (PWD DSR 2018-19 Pg No.33 It No.7.10.1)	Sqm	0.00	0.00	0.00
36a	Qty Upto 125%		16.43	4800.44	78847.23
36b	Qty Above 125%		5.18	4800.44	24842.28
37	KSRB 7.11 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using Doubble track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections anodised 12 to 15 microns thick including cutting to required length, joints mitred (PWD DSR 2018-19 Pg No.33 It No.7.10.1)	Sqm	0.00	0.00	0.00
37a	Qty Upto 125%		9.34	4807.24	44887.60
37b	Qty Above 125%		2.72	4807.24	13087.72
38	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete.GROUND FLOOR (PWD DSR 2018-19 Pg No.108 It No.14.51)	Sqm	0.00	0.00	0.00
38a	Qty Upto 125%		17.10	5054.41	86430.41
39	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete (PWD DSR 2018-19 Pg No.109 It No.14.43)	Sqm	0.00	0.00	0.00
39a	Qty Upto 125%		39.42	1250.56	49302.33
40	Providing and laying flooring using prepolished, using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink Granite of width not less than 1200mm gang saw/water cut 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. (PWD DSR 2018-19 Pg No.106 It No.14.47.1)	Sqm	222.76	2582.76	575333.75

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
41	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification	Sqm	0.00	4001.12	0.00
42	KSRB 14-17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 15cms x 15cms size 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as - per specifications. and directions of the engineer in charge of the work	Sqm	12.46	1447.84	18032.85
43	KSRB 14-17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 15cms x 15cms size 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as - per specifications. and directions of the engineer in charge of the work. (PWD DSR 2018-19 Pg No 114 It No 14.41.3)	Sqm	0.00	0.00	0.00
43a	Qty Upto 125%		24.77	1450.11	35911.97
43b	Qty Above 125%		6.55	1450.11	9495.32
44	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1 :3 mix, flush pointing with white , cement using colour pigment, including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge of the work SIZE 30x30x6 cm	Sqm	2.30	1441.04	3307.19
45	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1 :3 mix, flush pointing with white , cement using colour pigment, including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge of the work SIZE 30x30x6 cm	Sqm	4.82	1443.31	6959.06
46	KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	Each	3.00	4397.95	13193.85
47	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	Each	3.00	5619.03	16857.09
48	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	0.00	3482.98	0.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
49	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3.20 mm dia	Each	10.00	196.14	1961.40
50	KSRB13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3.20mm dia	Each	10.00	159.86	1598.60
51	KSRB13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3	Each	6.00	157.76	946.56
52	KSRB13-6.6-2: Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 450mm length of PVC connection including cost of all materials, labour and HaM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work	Each	10.00	299.32	2993.20
53	KSRB 11-15.4 : Providing and fixing 450mm dia Circular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge of the work .	Each	3.00	938.77	2816.31
54	KSRB 11-17.2 : Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications and directions of the Engineer in charge of the work .	Each	3.00	764.17	2292.51
55	Providing and fixing stoneware gully trap of approved quality and fixing in CC 1:2:4 including cost of materials, conveyance, labour complete as per specifications and directions of the Engineer in charge of the work . 15cmx10cm	Each	10.00	317.46	3174.60
56	Providing and fixing CI nahani trap of approved quality and make confirming to IS specifications and construction of cistern in CC 1:2:4 including cost of materials, conveyance, labour complete as per specifications and directions of the Engineer in charge of the work .	Each	14.00	323.13	4523.82
57	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications. 110 mm	Rmtr	60.00	492.06	29523.60
58	KSRB 11-14 : Providing and fixing stainless steel kitchen sink of bowl depth 178mm, with drain board, M.S / C.I brackets, stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. size 510 x 1040 mm	Each	0.00	0.00	0.00
58a	Qty Upto 125%		2.50	16160.96	40402.40
58b	Qty Above 125%		2.50	16160.96	40402.40
59	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.126 Item No.15.106 (PWD DSR 2018-19 Pg No.128 It No.15.106)	Sqm	612.43	88.44	54163.32

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
60	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.126 Item No 15.106	Sqm	197.43	88.44	17460.79
61	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface with one coat of primer to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (PWD DSR 2018-19 Pg No.119 It No 15.51.2)	Sqm	612.43	98.64	60410.11
62	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface with one coat of primer to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	Sqm	199.45	98.64	19674.23
63	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-First Floor	Sqm	182.42	208.62	38057.29
64	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-Terrace Floor (PWD DSR 2018-19 Pg No 125 It No 15.104)	Sqm	0.00	0.00	0.00
64a	Qty Upto 125%		216.78	213.15	46205.86
64b	Qty Above 125%		30.34	213.15	6467.81
65	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter,including cost of materials, labour, complete as per specifications (PWD DSR 2018-19 Pg No.121 It No.15.74)	Sqm	0.00	0.00	0.00
65a	Qty Upto 125%		32.85	107.71	3538.27
65b	Qty Above 125%		110.67	107.71	11920.32
66	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter,including cost of materials, labour, complete as per specifications (PWD DSR 2018-19 Pg No.121 It No.15.74)	Sqm	0.00	0.00	0.00
66a	Qty Upto 125%		18.68	107.71	2011.48
66b	Qty Above 125%		34.36	107.71	3700.79
67	KSRB 7.9 : Providing and fixing M.S.grill work for windows using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery as per specifications and directions of the Engineer in charge of the work . Specification No. KBS 7.12 (PWD DSR 2018-19 Pg No.34 It No.7.9)	Kg	0.00	0.00	0.00
67a	Qty Upto 125%		344.93	107.71	37151.87
67b	Qty Above 125%		108.68	107.71	11705.33

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
68	KSRB 7.9 : Providing and fixing M.S.grill work for windows using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery as per specifications and directions of the Engineer in charge of the work . Specification No. KBS 7.12 (PWD DSR 2018-19 Pg No.34 It No.7.9)	Kg	0.00	0.00	0.00
68a	Qty Upto 125%		196.09	107.71	21120.58
68b	Qty Above 125%		25.04	107.71	2697.31
69	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing. (PWD DSR 2018-19 Pg No.44 It No.7.35)	Sqm	15.27	3229.02	49290.94
70	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 19/20mm dia 2mm thick	Rmtr	180.00	45.14	8125.20
71	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 25mm dia 2mm thick	Rmtr	120.00	59.84	7180.80
72	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.upto 50mm conduit in brick wall	Rmtr	220.00	22.05	4851.00
73	Supplying And Fixing Metal Fan Box with Round Hook.	Each	20.00	96.58	1931.60
74	Supply and wiring adoptoing loop system in existing PVC conduit/ casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Point wiring using class A approved materials.Short point upto 3Mtr from tapping point to out let via switch	Point	15.00	182.67	2740.05
75	Supply and wiring adoptoing loop system in existing PVC conduit/ casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Point wiring using class A approved materials.Short point upto 3Mtr from tapping point to out let via switch. Medium point above 3M. upto 6M from tapping point to out let via switch	Point	12.00	257.20	3086.40

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
76	Supply and wiring adoptoing loop system in existing PVC conduit/ casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Point wiring using class A approved materials.Short point upto 3Mtr from tapping point to out let via switch. Medium point above 3M. upto 6M from tapping point to out let via switch. Long point above 6mts up to 10 mtr from tapping to out let via switch	Point	12.00	381.08	4572.96
77	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm (for long points)	Rmtr	170.00	19.53	3320.10
78	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 2.5 sqmm	Rmtr	220.00	30.65	6743.00
79	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 4 sqmm	Rmtr	105.00	44.20	4641.00
80	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 6 sqmm	Rmtr	55.00	66.98	3683.90
81	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall.1-3Way	Each	12.00	95.53	1146.36
82	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 4-5Way	Each	17.00	102.88	1748.96
83	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 8Way	Each	5.00	146.97	734.85
84	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 10-12Way	Each	2.00	166.92	333.84
85	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.1 to 3 Module	Each	12.00	114.43	1373.16
86	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.4 Module	Each	17.00	128.08	2177.36
87	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.8 Module	Each	5.00	209.96	1049.80
88	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.12 Module	Each	2.00	280.30	560.60

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
89	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A. 6Amps one way	Each	17.00	66.14	1124.38
90	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A. 6Amps Two way.	Each	22.00	91.33	2009.26
91	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A. 6Amps 3way socket.	Each	12.00	99.73	1196.76
92	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A.Stepped Fan Regulator.	Each	8.00	300.24	2401.92
93	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.6Amps one way.	Each	17.00	7.14	121.38
94	supplying Patti type flourescent tube light fitting of 4 ' -suitable for 28 watts flourescent tube fitting made put of M.S. Sheet and stove enameled with HF Electronic Ballast locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC. supply including T5 lamp	Each	19.00	702.32	13344.08
95	Fixing all types and all capacities of fluorescent/false ceiling/spot light/CFL /LED fittings indoor on the wall / ceiling/ rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps	Each	23.00	102.88	2366.24
96	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings conferming to IS8828. 5-32Amps Sp	Each	2.00	438.82	877.64
97	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings conferming to IS8828.40-63 Amps TNP	Each	2.00	2032.41	4064.82
98	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required.confirming to IEC 60898.12 way TP &N	Each	2.00	5393.87	10787.74
99	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Each	1.00	2862.80	2862.80
100	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. 8 SWG. Copper Wire	Each	50.00	113.06	5653.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
101	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) .Regular model	Each	17.00	2494.32	42403.44
102	supplying exhaust fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50 Hz, AC supply	Each	2.00	1784.66	3569.32
103	Fixing a ceiling/wall mounting fan of all capacities and all types with necessary clamps and S hook made out of 15mm dia MS rod, with 5 amps ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality mounted on a suitable size wooden board and wired complete.	Each	17.00	248.80	4229.60
104	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (Icu = Ics) Four pole 100AMPS 25kA	Each	1.00	6098.29	6098.29
105	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings conferming to IS8828.12 Way	Each	1.00	12444.33	12444.33
106	Providing and fixing Chorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall)	Rmtr	100.00	222.22	22222.00
107	KSRB 13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work Specification NO KBS 13.2.6/13.3	Each	2.00	509.07	1018.14
108	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, 'making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing as per specifications and directions of the Engineer in charge of the work .(For 1000 litre capacity) Specification NO KBS 13.22	Each	2.00	7741.48	15482.96
109	Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage.. (PWD DSR 2018-19 Pg No.375 It No.38.2)	Sqm	0.00	0.00	0.00
109a	Qty Upto 125%		284.63	708.62	201690.97
109b	Qty Above 125%		12.94	708.62	9169.32
110	KSRB 10-2 : Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. (PWD DSR 2018-19 Pg No.68 It No.10.1)	Sqm	0.00	1108.84	0.00

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
111	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (PWD DSR 2018-19 Pg No 68 It No 10.1)	Cum	0.00	0.00	0.00
111a	Qty Upto 125%		49.99	52.15	2606.85
112	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift . complete as per specifications. (PWD DSR 2018-19 Pg No 6 It No 2.15)	Cum	0.00	0.00	0.00
112a	Qty Upto 125%		5.02	2396.82	12029.04
112b	Qty Above 125%		1.96	2396.82	4688.78
113	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 408	Cum	4.54	4913.82	22296.46
114	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Wall & bottom Raft thickness 15cm	Cum	16.80	7866.19	132151.99
115	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700	Rmtr	35.00	1225.62	42896.70
116	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete	No	77.00	462.58	35618.66
117	KSRRB M2200-6. Providing T.M.T. steel Fe 500 reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 (PWD DSR 2018-19 Pg No.229 It No.28.8.2)	mtr	0.00	0.00	0.00
117a	Qty Upto 125%		1.88	71104.13	133320.24
117b	Qty Above 125%		0.50	71104.13	35740.80

Sl. No.	Description of work	Unit	Qty	Rate, Rs.	Amount, Rs.
118	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment and electricity charges	Sqm	0.00	0.00	0.00
			76.25	6087.29	464155.86
118a	Qty Upto 125%		27.66	6087.29	168386.51
118b	Qty Above 125%				
119	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment and electricity charges with lead and lift	Sqm	0.00	3414.96	0.00
120	KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grove section 2.683 kg/m and bottom bottom member 114.3 mm x 44.45 mm 3.18 mm thick and 2.6 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick pre laminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with	Sqm	16.50	5344.66	88186.89
	EIRL				
EIRL-1	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1 :4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, HOM etc., complete as per specification-First Floor (PWD DSR 2018-19 Pg No.111 It No.14.58)	Sqm	68.90	3941.03	271517.88
	Total Amount				**6415190.90**

Asst. Executive Engineer
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